

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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RESPONSE TO RESTRICTION REQUIREMENT

In response to the restriction requirement with notification date March 26, 2008, Applicants elect with traverse Claims 1-3, drawn to rotaxane compounds.

Applicants reserve the right to pursue claims 4-9 in a divisional application.

With respect to Claim 1, Applicants elect C₂-C₁₀ alkylene in R₁, R₂, and R₃; Applicants define n as 5 to 10; and elect hydrogen in R₄ and R₅.

With respect to Claim 2, Applicants define n as 5 to 10, and elect hydrogen in R₄ and R₅. Further in regard to Claim 2, Applicants elect secondary amine in X1 and X2; elect a primary amine group in Y1; and elect an acrylamine group in Y2.

With respect to Claim 3, Applicants elect formula 6.

The Applicants respectfully traverse the restriction in view of the following arguments. It is known that all substituents represented by R₄ and R₅ in claim 1 can be introduced into the position of R₄ and R₅ in cucurbitul or its derivative of formula 2. All substituents represented by X1, X2, Y1, and Y2 in claims 1 and 2